

# Material Declaration Form

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Ordering Code	Package Family	Assembly Material Number	Lead Count	Weight (mg)	Manufacturing Country	Halogen Free	EU RoHS	China RoHS	Release Status	Version
AS1100WE-Z	SOIC 300 MIL	174970026	24	641.17	Malaysia	YES	YES	YES	PROTOS	1

Homogenous Material	Weight (mg)	Symbol	Chemical Substance	Input Ratio (%)	CAS Number	Unit Weight (mg)	Unit Weight (%)	Amount (ppm)
Adhesive	1.12	Ag	Silver	85.00	7440-22-4	0.95200	0.14848	1485
			Epoxy Resin	15.00	25928-94-3	0.16800	0.02620	262
			<b>Subtotal:</b>	<b>100.00</b>		<b>1.12000</b>	<b>0.17468</b>	<b>1747</b>
Wire	0.74	Au	Gold	100.00	7440-57-5	0.74000	0.11541	1154
			<b>Subtotal:</b>	<b>100.00</b>		<b>0.74000</b>	<b>0.11541</b>	<b>1154</b>
Leadframe	142.99	Cu	Copper	97.50	7440-50-8	139.41525	21.74388	217439
			Fe	2.40	7439-89-6	3.43176	0.53523	5352
			Zn	0.10	7440-66-6	0.14299	0.02230	223
			<b>Subtotal:</b>	<b>100.00</b>		<b>142.99000</b>	<b>22.30142</b>	<b>223014</b>
Plating	6.64	Sn	Tin	100.00	7440-31-5	6.64000	1.03561	10356
<b>Subtotal:</b>				<b>100.00</b>		<b>6.64000</b>	<b>1.03561</b>	<b>10356</b>
IC	8.88	Si	Silicon	100.00	7440-21-3	8.88000	1.38497	13850
<b>Subtotal:</b>				<b>100.00</b>		<b>8.88000</b>	<b>1.38497</b>	<b>13850</b>
Moldcompound	480.8	SiO2	Silica Fused	86.00	60676-86-0	413.48800	64.48960	644896
			Carbon Black	0.50	1333-86-4	2.40400	0.37494	3749
			Epoxy Resin	7.50	25928-94-3	36.06000	5.62409	56241
			Phenol Resin	6.00	28064-14-4	28.84800	4.49927	44993
			<b>Subtotal:</b>	<b>100.00</b>		<b>480.80000</b>	<b>74.98791</b>	<b>749879</b>
<b>Total:</b>	<b>641.17</b>					<b>641.17</b>	<b>100.00000</b>	<b>1000000</b>

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